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Total No. of Printed Pages: [01]

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B.Sc. Anaesthesia Technology (Semester – 1st)
ANAESTHESIA EQUIPMENT'S & TECHNOLOGY
Subject Code: BANTS1-103
Paper ID: 21132303

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a. Define patient assessment and preparation
- b. Define resuscitator bags and their types.
- c. Draw a well-labeled diagram of a cuffed ET tube.
- d. Define premedication and its goals.
- e. Define airways and their sizes.
- f. Protocols of General anesthesia
- g. Indications of blood transfusion.
- h. Define liquid oxygen.
- i. Procedure of LOR technique in Epidural anaesthesia.
- j. Define anesthesia and its types

Section – B

(5 marks each)

- Q2. Define Local Anesthetics; classification and its Mechanism of action.
- Q3. Write the properties and color coding of the rotameter'.
- Q4. Technique and complications of Blood Transfusion.
- Q5. Define local anesthesia and its techniques
- Q6. Mechanism of pressure-reducing valves

Section – C

(10 marks each)

- Q7. Define anesthesia machine. Discuss high flow system of anaesthesia machine.
- Q8. Define the circle system. Discuss soda-lime and bary-lime in detail.
- Q9. Define CPR. Discuss ACLS in detail